



NITFS Compliance Registration



Product: Distribution Element (DE) Version 4.1, Build 605, (ERS 08)

Supplier: National Geospatial-Intelligence Agency (NGA)

Developer: Lockheed Martin Management and Data Systems

Date: 17 August 2004

Expiration: 16 August 2006

Registration #: 130

- ☐ Initial Registration
☒ Supplemental/Update #26
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

Product
N-0105/98, §4.1.2

Component
N-0105/98, §4.1.3

Format

NITF

☐ v2.1

☒ v2.0

☐ v1.1

NSIF

☐ v1.0

Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NO DISPLY

☐ POLAR

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

☒ AE - PIAPRC

☐ National SDE - ALL

☐

NOTE: Version supports unaltered "pass through" of JPEG compressed and uncompressed NITF products.

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Sun Client - E-450- Sun Solaris 2.6 [CLEVELs 1-6]
Image Formats: Full, IMP, Chips, 8/8 and 11/16 Bits

- Sun Server - E6000 - Sun Solaris 8 [CLEVELs 4-6]
Image Formats: Full, IMP, RRDS, 11/16 Bit

Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Annotation Segment Types

☐ Bit Mapped **

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels **

Text Segments

☐ STA

☐ UT1

☐ U8S

☐ MTF

Image Compression

☒ Not Compressed

☐ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☐ BC Level

☐ Vector Quantization

☐ Multispectral JPEG, Individual Band

EDWARD E. BOYLES, Division Chief

Joint Interoperability Test Command

Executive Agent to National Imagery & Mapping Agency
for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.